

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A spatial position sharing system, comprising a first device and a second device, the first device comprising

current position information generating means for sequentially generating current position information for a position shared object in virtual space,

predicted future position information generating means for sequentially generating predicted future position information for the position shared object in the virtual space; and

information transmission means for sequentially transmitting the generated current position information and predicted future position information,

the second device comprising

information receiving means for receiving the current position information and the predicted future position information transmitted from the first device; and

estimated current position information generating means for sequentially generating estimated current position information for the position shared object in the virtual space based on the received current position information and predicted future position information.

2. (original): The system of claim 1, wherein the current position information represents current time, and position of the position shared object in the virtual space at that time.

3. (previously presented): The system of claim 1, wherein the predicted future position information represents predicted position of the position shared object in the virtual space.

4. (original): The system of claim 3, wherein the predicted future position information also represents a future time at which the position shared object is at the predicted position in the virtual space.

5. (original): The system of claim 4, wherein the predicted future position information generating means determines the future time based on communication conditions between the first and second devices.

6. (previously presented): The system of claim 1, wherein the estimated current position information represents an estimation result for current position of the position shared object in the virtual space.

7. (previously presented): The system of claim 1, wherein the current position information generating means sequentially generates the current position information based on operation information input by a user of the first device, and the predicted future position information generating means sequentially generates the predicted future position information based on the operation information.

8. (previously presented): The system of claim 1, wherein the predicted future position information generating means generates the predicted future position information based on the current position information generated by the current position information generating means.

9. (original): The system of claim 8, further provided with current position information storage means for multiply storing the current position information generated by the current position information generating means, and the predicted future position information generating means generating the predicted future position information based on a plurality of items of the current position information stored in the current position information storage means.

10. (previously presented): The system as disclosed in claim 1, wherein the estimated current position information generating means newly generates the estimated current position information based on already generated estimated current position information.

11. (original): The system of claim 10, wherein the estimated current position information generating means generates dummy estimated current position information for the position shared object in the virtual space based on the received current position information and the predicted future position information, and newly generates estimated current position

information based on already generated estimated current position information and the dummy estimated current position information.

12. (original): The system of claim 11, wherein the estimated current position information generating means generates a position of an internal dividing point or an external dividing point of a position represented by the received current position information or a position represented by the predicted future position information as the dummy estimated current position information.

13. (previously presented): The system of claim 1, wherein the first device further comprises current attitude information generating means for sequentially generating current attitude information for the position shared object in the virtual space;

predicted future attitude information generating means for sequentially generating predicted future attitude information for the position shared object in the virtual space; and

attitude information transmission means for sequentially transmitting the generated current attitude information and the predicted future attitude information,

the second device further comprising

attitude information receiving means for receiving the current attitude information and the predicted future attitude information transmitted from the first device; and

estimated current attitude information generating means for sequentially generating estimated current attitude information for the position shared object in the virtual space based on the received current attitude information and predicted future attitude information.

14. (original): A special position sharing device, comprising:

current position information generating means for sequentially generating current position information for a position shared object in virtual space;

predicted future position information generating means for sequentially generating predicted future position information for the position shared object in the virtual space; and

information transmission means for sequentially transmitting the generated current position information and predicted future position information.

15. (original): A spatial position sharing device comprising:

information receiving means for receiving current position information for a position shared object in virtual space and predicted future position information of the position shared object in the virtual space sequentially generated in another device and sequentially transmitted from the other device; and

estimated current position information generating means for sequentially generating estimated current position information for the position shared object in the virtual space based on the received current position information and the predicted future position information.

16. (currently amended): An information storage medium storing a program for causing a computer to function as:

current position information generating means for sequentially generating current position information for a position shared object in virtual space;

predicted future position information generating means for sequentially generating predicted future position information for the position shared object in the virtual space; and

information transmission means for sequentially transmitting the generated current position information and predicted future position information.

17. (currently amended): An information storage medium storing a program for causing a computer to function as:

information receiving means for receiving current position information for a position shared object in virtual space and predicted future position information of the position shared object in the virtual space sequentially generated in another device and sequentially transmitted from the other device; and

estimated current position information generating means for sequentially generating estimated current position information for the position shared object in the virtual space based on the received current position information and the predicted future position information.

18. (original): A spatial position sharing method, comprising:

a current position information generating step for, in a first device, sequentially generating current position information of a position shared object in virtual space;

a predicted future position information generating step for, in the first device, sequentially generating predicted future position information of the position shared object in the virtual space;

an information transmission step for, in the first device, sequentially transmitting the generated current position information and predicted future position information;

an information receiving step for, in a second device, receiving the current position information and the predicted future position information transmitted from the first device; and

an estimated current position information generating step for, in the second device, sequentially generating estimated current position information for the position shared object in the virtual space based on the received current position information and the predicted future position information.

19. (original): A spatial position sharing method, comprising:

an information receiving step for receiving current position information for a position shared object in virtual space and predicted future position information of the position shared object in the virtual space sequentially generated in another device and sequentially transmitted from the other device; and

an estimated current position information generating step for sequentially generating predicted future position information for the position shared object in the virtual space based on the received current position information and the predicted future position information.

20. (original): A data sharing system comprising a first device and a second device, the first device comprising

current data generating means for sequentially generating current data,

predicted future data generating means for sequentially generating predicted future data;

and

data transmission means for sequentially transmitting the generated current data and predicted future data,

the second device comprising

data receiving means for receiving the current data and the predicted future data transmitted from the first device; and

estimated current data generating means for sequentially generating estimated current data based on the received current data and predicted future data.

21. (original): A data sharing system, comprising:

current data generating means for sequentially generating current data;

predicted future data generating means for sequentially generating predicted future data;

and

data transmission means for sequentially transmitting the generated current data and the predicted future data.

22. (original): A data sharing system, comprising:

data receiving means for receiving current data and predicted future data sequentially generated in another device and sequentially transmitted from the other device; and

estimated current data generating means for sequentially generating estimated current data based on the received current data and the predicted future data.

23. (currently amended): An information storage medium storing a program for causing a computer to function as:

current data generating means for sequentially generating current data;

predicted future data generating means for sequentially generating predicted future data;

and

data transmission means for sequentially transmitting the generated current data and the predicted future data.

24. (currently amended): An information storage medium storing a program for causing a computer to function as:

data receiving means for receiving current data and predicted future data sequentially generated in another device and sequentially transmitted from the other device; and

estimated current data generating means for sequentially generating estimated current data based on the received current data and the predicted future data.

25. (original): A data sharing method comprising:

a current data generating step for, in a first device, sequentially generating current data,

a predicted future data generating step for, in the first device sequentially generating predicted future data;

a data transmission step for, in the first device, sequentially transmitting the generated current data and the predicted future data,

a data receiving step for, in a second device, receiving the current data and the predicted future data transmitted from the first device; and

an estimated current data generating step for, in the second device, sequentially generating estimated current data based on the received current data and predicted future data.

26. (original): A data sharing method comprising:

a data receiving step for receiving current data and predicted future data sequentially generated in another device and sequentially transmitted from the other device; and

an estimated current data generating step for sequentially generating estimated current data based on the received current data and predicted future data.

27. -37. (cancelled)